查询CDRH4D18NP-100N供应商

Type: CDRH4D18 , CDRH4D18C , CDRH4D18C/LD

◆Product Description

・5.0×5.0mm Max.(L×W), 2.0mm Max. Height.(CDRH4D18)

・5.1×5.1mm Max.(L×W), 2.0mm Max. Height.(CDRH4D18C,CDRH4D18C/LD)

・Standard type CDRH4D18, CDRH4D18C and Low DCR type CDRH4D18C/LD are available.

・Inductance range:1.0～180μH(CDRH4D18); 1.1～100μH(CDRH4D18C,CDRH4D18C /LD);

・Rated current range:0.14～1.72A(CDRH4D18); 0.25～2.4A(CDRH4D18C); 0.2～2.1A (CDRH4D18C /LD);

・Custom design is available.

◆ Feature

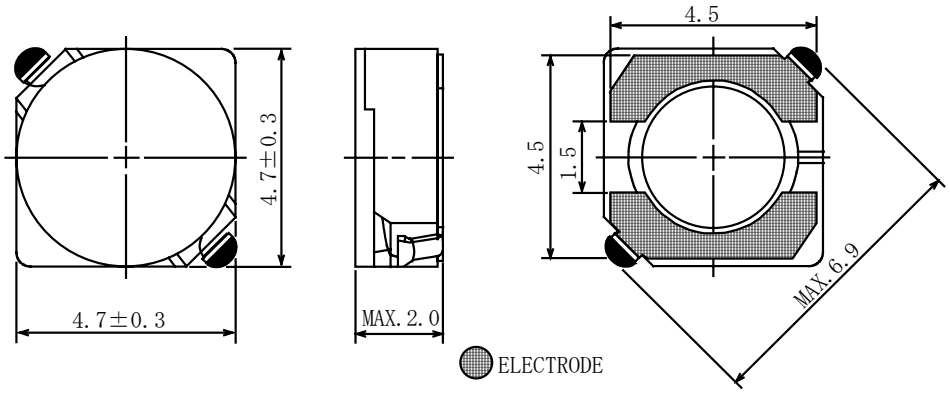
・Magnetically shielded construction.

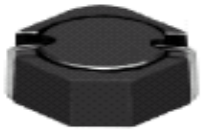
・Ideally used in Mobile phone,PDA,MP3,HDD,DSC/DVC,Note book PC,etc as DC-DC Converter inductors.

・RoHS Compliance.

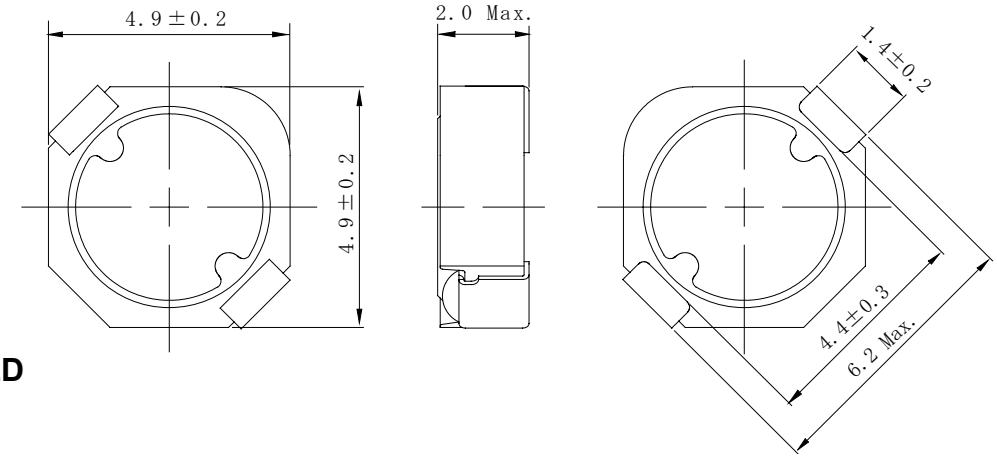
◆ Dimensions (mm)

CDRH4D18





CDRH4D18C,
CDRH4D18C/LD



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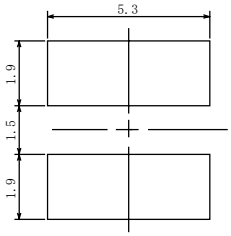
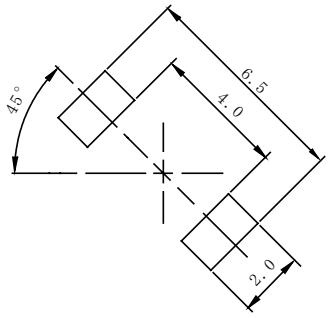
◆ Land Pattern (mm)



CDRH4D18



CDRH4D18C,CDRH4D18C/LD

◆ Specification (CDRH4D18)

Part No. ※	Stamp	Inductance	D.C.R.(Ω) Max.(Typ.) (20℃)	Rated Current (A)※1-1	Measuring frequency
CDRH4D18NP-1R0N□	1R0	1.0μH ± 30%	45m(35m)	1.72	7.96MHz
CDRH4D18NP-2R2N□	2R2	2.2μH ± 30%	75m(58m)	1.32	
CDRH4D18NP-2R7N□	2R7	2.7μH ± 30%	105m(80m)	1.28	
CDRH4D18NP-3R3N□	3R3	3.3μH ± 30%	110m(85m)	1.04	
CDRH4D18NP-3R9N□	3R9	3.9μH ± 30%	155m(120m)	0.88	
CDRH4D18NP-4R7N□	4R7	4.7μH ± 30%	162m(125m)	0.84	
CDRH4D18NP-5R6N□	5R6	5.6μH ± 30%	170m(130m)	0.80	
CDRH4D18NP-6R8N□	6R8	6.8μH ± 30%	200m(155m)	0.76	
CDRH4D18NP-8R2N□	8R2	8.2μH ± 30%	245m (190m)	0.68	
CDRH4D18NP-100N□	100	10μH ± 30%	200m (148m)	0.61	100kHz
CDRH4D18NP-120N□	120	12μH ± 30%	210m (156m)	0.56	
CDRH4D18NP-150N□	150	15μH ± 30%	240m (178m)	0.50	
CDRH4D18NP-180N□	180	18μH ± 30%	338m (250m)	0.48	
CDRH4D18NP-220N□	220	22μH ± 30%	397m (294m)	0.41	
CDRH4D18NP-270N□	270	27μH ± 30%	441m (327m)	0.35	
CDRH4D18NP-330N□	330	33μH ± 30%	694m (514m)	0.32	
CDRH4D18NP-390N□	390	39μH ± 30%	709m (525m)	0.30	
CDRH4D18NP-470N□	470	47μH ± 30%	922m (683m)	0.28	
CDRH4D18NP-560N□	560	56μH ± 30%	1.08 (800m)	0.26	
CDRH4D18NP-680N□	680	68μH ± 30%	1.30 (1.00)	0.24	
CDRH4D18NP-820N□	820	82μH ± 30%	1.56 (1.20)	0.22	
CDRH4D18NP-101N□	101	100μH ± 30%	1.73 (1.33)	0.20	
CDRH4D18NP-121N□	121	120μH ± 30%	2.39 (1.84)	0.18	
CDRH4D18NP-151N□	151	150μH ± 30%	2.67 (2.05)	0.15	
CDRH4D18NP-181N□	181	180μH ± 30%	4.00 (3.05)	0.14	

※1-1. Rated current: The DC current at which the inductance decreases to 65% of it's nominal value or when △t=40℃, whichever is lower(Ta=20℃).

Type: CDRH4D18 , CDRH4D18C , CDRH4D18C/LD

◆ Specification (CDRH4D18C)

Part No. ※	Stamp	Inductance 100kHz/1V	D.C.R.(Ω) Max.(Typ.) (20℃)	Rated Current (A)※1-1
CDRH4D18CNP-1R1P□	A	1.1μH±25%	29m(23m)	2.4
CDRH4D18CNP-2R2P□	B	2.2μH±25%	39m(31m)	1.7
CDRH4D18CNP-3R0P□	C	3.0μH±25%	61m(49m)	1.5
CDRH4D18CNP-4R7P□	D	4.7μH±25%	110m(88m)	1.15
CDRH4D18CNP-6R8P□	E	6.8μH±25%	125m(100m)	1.05
CDRH4D18CNP-100P□	F	10μH±25%	156m(125m)	830m
CDRH4D18CNP-150P□	G	15μH±25%	194m(155m)	700m
CDRH4D18CNP-220P□	H	22μH±25%	323m(258m)	600m
CDRH4D18CNP-330P□	I	33μH±25%	550m(440m)	460m
CDRH4D18CNP-470P□	J	47μH±25%	783m(626m)	410m
CDRH4D18CNP-680P□	K	68μH±25%	1.16(925m)	305m
CDRH4D18CNP-101P□	L	100μH±25%	1.51(1.21)	250m

◆ Specification (CDRH4D18C/LD)

Part No. ※	Stamp	Inductance 100kHz/1V	D.C.R.(mΩ) Max.(Typ.) (20℃)	Saturation Current(A) ※1-2	Temperature rise current (A) ※2
CDRH4D18CLDNP-1R1P□	A	1.1μH±25%	24(19)	2.10	3.50
CDRH4D18CLDNP-2R2P□	B	2.2μH±25%	31(25)	1.30	2.80
CDRH4D18CLDNP-3R3P□	C	3.3μH±25%	49(39)	1.10	2.20
CDRH4D18CLDNP-4R7P□	D	4.7μH±25%	61(49)	0.90	2.00
CDRH4D18CLDNP-6R3P□	E	6.3μH±25%	74(59)	0.75	1.60
CDRH4D18CLDNP-100P□	F	10μH±25%	110(88)	0.60	1.20
CDRH4D18CLDNP-150P□	G	15μH±25%	151(121)	0.50	1.05
CDRH4D18CLDNP-220P□	H	22μH±25%	202(162)	0.42	0.90
CDRH4D18CLDNP-330P□	I	33μH±25%	327(262)	0.35	0.69
CDRH4D18CLDNP-470P□	J	47μH±25%	456(365)	0.31	0.57
CDRH4D18CLDNP-680P□	K	68μH±25%	632(506)	0.26	0.46
CDRH4D18CLDNP-101P□	L	100μH±25%	962(770)	0.20	0.35

※ Description of part name

CDRH4D18CLDNP-1R1P□
- B Box
- C Carrier Tape

※1-2.Saturation Current: The DC current at which the inductance decreases to 65% of it's nominal value

※2 Temperature rise current: The DC current at which the temperature rise is △t＝40℃.(Ta＝20℃)